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TI Self-hardening thermally insulating compound

IN Ulman, Zbigniew; Pysz, Stanislaw; Wilkosz, Barbara; Piastka, Tadeusz;
Krawczyk, Andrzej; Smietanko, Zbigniew; Szatko, Kazimierz; Jaworek, Jan

PA Instytut Odlewnictwa, Pol.

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DT Patent

LA Polish

IC ICM C04B035-66

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CC 57-6 (Ceramics)

Section cross-reference(s): 58

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|-------|--|------|----------|-----------------|----------|
| PI | PL 148353 | B2 | 19891031 | PL 1987-268637 | 19871104 |
| AB | The compd. comprises 100 wt. parts microspheric matrix, 0.5-200 wt. parts water glass binder, 0.5-80 wt.% (based on the binder) hardener (modified or unmodified org. acid esters), and 0-10 wt.% (based on the matrix) | | | | |
| epoxy | resin with polyamine hardener. The matrix consists of coal fly ash microspheres and optionally quartz sand (0-50 wt.% based on the microspheres). The product is esp. suitable for heat-insulating components in foundry, metallurgy, power industry, and civil engineering. | | | | |
| ST | thermal insulation selfhardening compd; water glass binder selfhardening thermal insulation; epoxy resin selfhardening thermal insulation; coal fly ash selfhardening thermal insulation | | | | |
| IT | Sand RL: USES (Uses) (heat-insulating compds. contg. matrix of coal fly ash and, self-hardening) | | | | |
| IT | Epoxy resins, uses and miscellaneous RL: USES (Uses) (heat-insulating compds. contg., self-hardening) | | | | |
| IT | Thermal insulators (self-hardening, compn. of, for foundry and building industry) | | | | |
| IT | Ashes (residues) (coal fly, heat-insulating compds. contg. matrix of quartz sand and, self-hardening) | | | | |
| IT | Amines, uses and miscellaneous RL: USES (Uses) (poly-, hardeners, epoxy resins contg., in self-hardening | | | | |

*feach microspheres
for insulation*